

ABSTRACT

The present invention provides a polypeptide inducing the production of an antibody in permucosal administration in the presence 5 of no immunological adjuvant, a composition containing the polypeptide, and use thereof. The present invention solves the above object by providing a polypeptide inserted with a cell attachment motif of a cell adhesive molecule to the peptide which has an amino acid sequence of multiagretope type T cell epitope at the amino terminal side of an 10 inserted linker peptide, and an amino acid sequence of a B cell epitope at the carboxyl terminal side of the inserted linker peptide, a composition containing the polypeptide, and use thereof.